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(19) **United States**(12) **Patent Application Publication****Miao et al.**(10) **Pub. No.: US 2014/0308905 A1**(43) **Pub. Date: Oct. 16, 2014**(54) **FLEXIBLE CONFIGURATION OF CHANNEL MEASUREMENT**(75) Inventors: **De Shan Miao**, Beijing (CN); **Peter Skov**, Beijing (CN); **Xiaoyi Wang**, Wheeling, IL (US)(73) Assignee: **Nokia Solutions and Networks Oy**, Espoo (FI)(21) Appl. No.: **14/356,633**(22) PCT Filed: **Nov. 7, 2011**(86) PCT No.: **PCT/CN2011/081875**

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ABSTRACT

There are provided measures for flexible configuration of channel measurement, particularly in CoMP communication and/or CoMP-enabled heterogeneous network deployments. Such measures may exemplarily include acquiring one or more reference signal patterns for channel measurement, each reference signal pattern defining a predefined number of ports subject to channel measurement, configuring a channel measurement set for a terminal by selecting ports out of the acquired one or more reference signal patterns and combining the selected ports in at least two channel measurement patterns, and instructing channel measurements at the terminal based on the at least two channel measurement patterns in the configured channel measurement set.

